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# TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

| Application Number   | 10/748;747        |
|----------------------|-------------------|
| Filing Date          | December 29, 2003 |
| First Named Inventor | David M. Gravett  |
| Art Unit             | 3731              |
| Examiner Name        |                   |
| Attorney Docket No.  | 110129.433        |

| <u> </u>   |                              | -                  | Attorney Booket 140  |          |            |  |
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| Fee Transmittal Form Fee Attached Amendment/Response After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Form PTO-1449 Cited References (X 40) Certified Copy of Priority Document(s) Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 Response to Missing Parts/Incomplete Application |                              |                    | Drawing(s) Request for Corrected Filing Receipt Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation, Change of Correspondence Address Declaration Statement under 37 CFR 3.73(b) Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD |          |            | after Allowance communication to TC appeal Communication to coard of Appeals and atterferences appeal Communication to C (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Return Receipt Postcard Other Enclosure(s) (please Stentify below): |
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| Firm Name  | Seed Intellec                | tual I             | Property Law Group PLL   | LC       |            | Customer Number 41551  |
| Signature  | Olin                         | K                  |  |          |            |  |
| Printed Name   | Qing Lin, Ph                 | .D.                |  |          |            |  |
| Date I   | February 11,                 | 200                | 5 F  | Reg. No  | 0.         | 53,937   |
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| Signature  |                              | 27 - 2-            |  |          |            |  |
| Typed or printed nar   | me <b>Jen</b>                | ennifer J. Fortuny |  |          | Date:      | February 11, 2005  |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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**PATENT** 

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

11 February 2005
Date

Jennifer J. Fortuny

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants** 

David M. Gravett et al.

Application No.

10/748,747

Filed

December 29, 2003

For

SILK STENT GRAFTS

Art Unit

: 3731

Docket No.

: 110129.433

Date

: February 11, 2005

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

## Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC

Qing Lin, Ph.D.

Registration No. 53,937

#### **Enclosures:**

Postcard Form PTO-1449 (8 pages) Cited References (X 40)

701 Fifth Avenue, Suite 6300 Seattle, Washington 98104-7092 Phone: (206) 622-4900 Fax: (206) 682-6031

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| FORM PTO-14<br>(REV.7-80) | 49         |  | EPARTMENT OF C<br>T AND TRADEMA |               |                                |              |                     | APPLICATION NO. 10/748,747 |                    |                 |  |  |
|---------------------------|------------|--|---------------------------------|---------------|--------------------------------|--------------|---------------------|----------------------------|--------------------|-----------------|--|--|
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| FEB 1                     | 15.<br>15. |  | U.S.                            | PATENT        | TENT DOCUMENTS                 |              |                     |                            |                    |                 |  |  |
| EXAMINER<br>EXTENTA       | CHAT       | DOCUMENT NUMBER  | DATE                            |               | NAME                           | CLA          | ss                  | SUBCLASS                   | FILING<br>IF APPRO | DATE<br>OPRIATE |  |  |
| - Caraca                  | AA         | 2001/0031978 A1  | 10/18/01                        | Kipke         | et al.                         | 606          |                     | 191                        |                    |                 |  |  |
|                           | AB         | 2001/0053931 A1  | 12/20/01                        | Hess e        | t al.                          | 623          |                     | 1.15                       |                    |                 |  |  |
|                           | AC         | 2003/0185794 A1  | 10/02/03                        | Colley        |                                | 424          |                     | 85.1                       |                    |                 |  |  |
|                           | AD         | 5,308,889  | 05/03/94                        | Rhee e        | t al.                          | 523          |                     | 113                        |                    |                 |  |  |
|                           | AE         | 5,360,443  | 11/01/94                        | Barone        | e et al.                       | 623          |                     | 1                          |                    | ·               |  |  |
|                           | AF         | 5,383,928  | 01/24/95                        | Scott e       | t al.                          | 623          |                     | 1                          | -                  |                 |  |  |
|                           | AG         | 5,405,377  | 04/11/95                        | Cragg         |                                | 623          |                     | 1                          |                    |                 |  |  |
|                           | АН         | 5,415,664  | 05/16/95                        | Pinchu        | k                              | 606          |                     | 108                        |                    |                 |  |  |
|                           | AI         | 5,439,686  | 08/08/95                        | Desai e       | et al.                         | 424          |                     | 451                        |                    |                 |  |  |
|                           | AJ         | 5,522,880  | 06/04/96                        | Barone        | e et al.                       | 623          |                     | 1                          |                    |                 |  |  |
|                           | AK         | 5,571,171  | 11/05/96                        | Barone        | e et al.                       | 623          |                     | 1                          |                    |                 |  |  |
|                           | AL         | 5,571,173  | 11/05/96                        | Parodi        |                                | 623          |                     | 1                          |                    |                 |  |  |
|                           | AM         | 5,578,071  | 11/26/96                        | Parodi        |                                | 623          |                     | 1                          |                    |                 |  |  |
|                           | AN         | 5,578,072  | 11/26/96                        | Barone        | e et al.                       | 623          |                     | 1                          |                    |                 |  |  |
|                           | AO         | 5,591,195  | 01/07/97                        | Taheri        | et al.                         | 606          |                     | 194                        |                    |                 |  |  |
|                           | AP         | 5,591,229  | 01/07/97                        | Parodi        |                                | 623          |                     | 1                          |                    |                 |  |  |
|                           | AQ         | 5,607,445  | 03/04/97                        | Summ          | ers                            | 606          |                     | 198                        |                    |                 |  |  |
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|-----------------------------|--------|--|--------------------------------|----------------------|-------------------------------------|-----------|-------|--------------------|--------------|-----------------|
| FORM PTO-1449<br>(REV.7-80) | •      |  | DEPARTMENT OF<br>ENT AND TRADE |                      | ATTY. DOCKET NO. 110129.433         |           |       | 748,747            |              |                 |
|                             |        |  |                                |                      | APPLICANTS                          |           | L,    |                    |              |                 |
| INFO                        | ORM    | ATION DISCLOSU (Use several sheets if ne |                                | ENT                  | David M. Gravett et                 | al.       | GRO   | UP ART UNIT        |              |                 |
|                             |        |  |                                |                      | December 29, 2003                   | 373       | 31    |                    |              |                 |
|                             |        |  | U.S                            | . PATENT             | DOCUMENTS                           |           |       | <del></del>        |              |                 |
| *EXAMINER<br>INITIAL        |        | DOCUMENT NUMBER                          | DATE                           |                      | NAME                                | CLA       | SS    | SUBCLASS           |              | DATE<br>OPRIATE |
|                             | ВА     | 5,607,475                                | 03/04/97                       | Cahalan e            | et al.                              | 424       |       | 423                |              |                 |
|                             | вв     | 5,616,608                                | 04/01/97                       | Kinsella e           | et al.                              | 514       |       | 449                |              |                 |
|                             | вс     | 5,626,862                                | 05/06/97                       | Brem et a            | 1.                                  | 424       |       | 426                |              |                 |
|                             | BD     | 5,628,788                                | 05/13/97                       | Pinchuk              |                                     | 623       |       | 1                  |              |                 |
|                             | BE     | 5,632,772                                | 05/27/97                       | Alcime et            | al.                                 | 623       |       | 1                  |              |                 |
|                             | BF     | 5,639,278                                | 06/17/97                       | Dereume              | et al.                              | 623       |       | 1                  |              |                 |
|                             | ВG     | 5,643,208                                | 07/01/97                       | Parodi               |                                     | 604       |       | 96                 |              |                 |
|                             | вн     | 5,643,580                                | 07/01/97                       | Subramar             | niam                                | 424       |       | 400                |              |                 |
|                             | ВІ     | 5,651,986                                | 07/29/97                       | Brem et a            | 1.                                  | 424       |       | 484                |              |                 |
|                             | ВЈ     | 5,653,747                                | 08/05/97                       | Dereume              |                                     | 623       |       | 1                  |              |                 |
|                             | вк     | 5,665,115                                | 09/09/97                       | Cragg                |                                     | 623       |       | 1                  |              |                 |
|                             | BL     | 5,667,764                                | 09/16/97                       | Kopia et a           | al.                                 | 424       |       | 1.45               |              |                 |
|                             | вм     | 5,683,448                                | 11/04/97                       | Cragg                |                                     | 623       |       | 1                  |              |                 |
|                             | BN     | 5,683,452                                | 11/04/97                       | Barone et            | al.                                 | 623       |       | 1                  |              |                 |
|                             | во     | 5,693,087                                | 12/02/97                       | Parodi               |                                     | 623       |       | 1                  |              |                 |
|                             | ВР     | 5,700,269                                | 12/23/97                       | Pinchuk e            | et al.                              | 606       |       | 108                |              |                 |
|                             | BQ     | 5,700,285                                | 12/23/97                       | Myers et             | al.                                 | 623       |       | 1                  |              |                 |
|                             |        |  | FORE                           | IGN PATE             | NT DOCUMENTS                        |           |       |                    |              |                 |
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|                             | BS     |  |                                |                      |                                     |           |       |                    |              |                 |
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| FORM PTO-144<br>(REV.7-80) | 9       |  | DEPARTMENT OF |   | ATTY. DOCKET NO. 110129.433         |       |       | APPLICATION NO.<br>10/748,747 |       |                 |
|----------------------------|---------|--|---------------|---|-------------------------------------|-------|-------|-------------------------------|-------|-----------------|
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|                            |         |  | U.S.          | PATENT 1                                      | DOCUMENTS                           |       |       |                               |       |                 |
| *EXAMINER<br>INITIAL       |         | DOCUMENT NUMBER                            | DATE          |   | NAME                                | CLA   | SS    | SUBCLASS                      |       | DATE<br>OPRIATE |
|                            | CA      | 5,709,701                                  | 01/20/98      | Parodi  |                                     | 606   |       | 194                           |       | <del> </del>    |
|                            | СВ      | 5,713,917                                  | 02/03/98      | Leonhard                                      | t et al.                            | 606   |       | 194                           |       | · · ·           |
|                            | сс      | 5,716,365                                  | 02/10/98      | Goicoech                                      | ea et al.                           | 606   |       | 108                           |       |                 |
|                            | CD      | 5,716,981                                  | 02/10/98      | Hunter et                                     | al.                                 | 514   |       | 449                           |       |                 |
|                            | CE      | 5,718,973                                  | 02/17/98      | Lewis et a                                    | al.                                 | 428   |       | 36.5                          |       |                 |
|                            | CF      | 5,723,004                                  | 03/03/98      | Dereume                                       | et al.                              | 623   |       | 1                             |       |                 |
|                            | CG      | 5,725,568                                  | 03/10/98      | Hastings                                      |                                     | 623   |       | 1                             |       |                 |
|                            | СН      | 5,733,925                                  | 03/31/98      | Kunz et a                                     | 1.                                  | 514   |       | 449                           |       |                 |
|                            | CI      | 5,735,892                                  | 04/07/98      | Myers et                                      | al.                                 | 623   |       | 1                             |       |                 |
|                            | Cì      | 5,741,333                                  | 04/21/98      | Frid  |                                     | 623   |       | 12                            |       |                 |
|                            | СК      | 5,744,515                                  | 04/28/98      | Clapper                                       |                                     | 523   |       | 113                           |       |                 |
|                            | CL      | 5,749,918                                  | 05/12/98      | Hogendijl                                     | k et al.                            | 623   |       | 1                             |       |                 |
|                            | СМ      | 5,755,774                                  | 05/26/98      | Pinchuk                                       |                                     | 623   |       | 1                             |       |                 |
|                            | CN      | 5,776,180                                  | 07/07/98      | Goicoech                                      | ea et al.                           | 623   |       | 1                             |       |                 |
|                            | со      | 5,797,949                                  | 08/25/98      | Parodi  |                                     | 606   |       | 194                           |       |                 |
|                            | СР      | 5,810,870                                  | 09/22/98      | Myers et                                      | al.                                 | 606   |       | 198                           |       |                 |
|                            | CQ      | 5,811,447                                  | 09/22/98      | Kunz et a                                     | 1.                                  | 514   |       | 411                           |       |                 |
|                            |         |  | FORE          | GN PATE                                       | NT DOCUMENTS                        |       |       |                               |       |                 |
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| FORM PTO-144<br>(REV.7-80)              | •   |   |          |                 |   |          |      |             | APPLICATION NO. 10/748,747 |              |  |  |  |
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|   | DA  | 5,820,595                                 | 10/13/98 | Parodi          |   | 604      |      | 101         |                            |              |  |  |  |
|   | DB  | 5,824,054                                 | 10/20/98 | Khosravi        | et al.  | 623      |      | 1           |                            |              |  |  |  |
| **                                      | DC  | 5,855,598                                 | 01/05/99 | Pinchuk         |   | 623      |      | 1           |                            |              |  |  |  |
|   | DD  | 5,886,026                                 | 03/23/99 | Hunter et       | al.   | 514      |      | 449         |                            |              |  |  |  |
| *************************************** | DE  | 5,916,264                                 | 06/29/99 | Van Oep         | en et al.                                     | 623      |      | 1           |                            |              |  |  |  |
|   | DF  | 5,916,585                                 | 06/29/99 | Cook et a       | d.  | 424      |      | 426         |                            |              |  |  |  |
| •                                       | DG  | 5,948,427                                 | 09/07/99 | Yamamo          | Yamamoto et al.                               |          |      | 426         |                            |              |  |  |  |
|   | DH  | 5,980,972                                 | 11/09/99 | Ding            |   | 427      |      | 2.24        |                            |              |  |  |  |
| •                                       | DI  | 5,981,568                                 | 11/09/99 | Kunz et a       | ıl.   | 514      |      | 411         |                            |              |  |  |  |
|   | DJ  | 5,994,341                                 | 11/30/99 | Hunter et       | al.   | 514      |      | 210         |                            |              |  |  |  |
|   | DK  | 6,001,123                                 | 12/14/99 | Lau             |   | 623      |      | 1           |                            |              |  |  |  |
|   | DL  | 6,015,431                                 | 01/18/00 | Thornton        | et al.  | 623      |      | 1           |                            |              |  |  |  |
|   | DM  | 6,074,659                                 | 06/13/00 | Kunz et a       | ıl  | 424      |      | 423         |                            |              |  |  |  |
|   | DN  | 6,096,331                                 | 08/01/00 | Desai et a      | al  | 424      |      | 422         |                            |              |  |  |  |
|   | DO  | 6,113,629                                 | 09/05/00 | Ken             |   | 623      |      | 1.1         |                            |              |  |  |  |
|   | DP  | 6,140,452                                 | 10/31/00 | Felt et al.     |   | 528      |      | 60          |                            |              |  |  |  |
|   | DQ  | 6,156,064                                 | 12/05/00 | Chouinar        | ·d  | 623      |      | 1.44        |                            |              |  |  |  |
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EXAMINER DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| FORM PTO-1449<br>(REV.7-80) | 9   |  |          | ARTMENT OF<br>AND TRADEN |            |                |                                    |         | 10/748,747     |                    |                    |                 |
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| INFO                        | ORM | ATION DISCLOSU  (Use several sheets if nec |          |                          | ENT        | }              | David M. Gravett et                | al.     | CPOI           | UP ART UNIT        |                    |                 |
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|                             |     |  |          | U.S.                     | PATE       | NT D           | OCUMENTS                           |         |                |                    |                    |                 |
| *EXAMINER<br>INITIAL        |     | DOCUMENT NUMBER                            |          | DATE                     |            |                | NAME                               | CLA     | SS             | SUBCLASS           | FILING<br>IF APPRO | DATE<br>OPRIATE |
|                             | EA  | 6,168,622                                  | 01       | /02/01                   | Mazz       | occh           | i                                  | 623     |                | 1.2                |                    |                 |
|                             | ЕВ  | 6,171,609                                  | 01       | /09/01                   | Kunz       | . <del>.</del> |                                    | 424     |                | 422                |                    |                 |
|                             | EC  | 6,176,849                                  | 01       | /23/01                   | Yang       | et al          |                                    | 604     |                | 265                |                    |                 |
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|                             | EG  | 6,254,632                                  | 07       | /03/01                   | Wu et      | t al.          |                                    | 623     |                | 1.15               |                    |                 |
|                             | ЕН  | 6,273,913                                  | 08       | /14/01                   | Wrigh      | ht et a        | al                                 | 623     |                | 1.42               |                    |                 |
|                             | EI  | 6,296,603                                  | 10       | /02/01                   | Turnl      | und e          | et al.                             | 600     |                | 3                  |                    |                 |
|                             | EJ  | 6,306,166                                  | 10       | /23/01                   | Barry      | et al          | •                                  | 623     | . <del>.</del> | 1.46               |                    |                 |
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| FORM PTO-1449<br>REV.7-80)  INFORM |                 | TENT ANI     | MENT OF CO<br>O TRADEMAR<br>ATEMEN | K OFFICE                              | ATTY. DOCKET NO.  110129.433  APPLICANTS  David M. Gravett e  FILING DATE  December 29, 2003 | t al. | APPLICATION NO. 10/748,747  GROUP ART UNIT 3731 |          |              |                 |
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APPLICATION NO. ATTY, DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE 110129.433 10/748,747 APPLICANTS David M. Gravett et al. INFORMATION DISCLOSURE STATEMENT GROUP ART UNIT (Use several sheets if necessary) FILING DATE **December 29, 2003** 3731 U.S. PATENT DOCUMENTS FILING DATE \*EXAMINER SUBCLASS CLASS DOCUMENT NUMBER DATE NAME IF APPROPRIATE INITIAL HA FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY DOCUMENT NUMBER DATE YES NO 02/02/95 **WIPO** WO 95/03036 A1 HB **WIPO** WO 95/05132 A1 02/23/95 HC WO 95/26695 A2 10/12/95 **WIPO** HD **WIPO** WO 97/46268 A1 12/11/97 HE 12/11/97 **WIPO** WO 97/46590 A1 HF WO 01/01957 A1 01/11/01 **WIPO** HG WO 01/38373 A1 05/31/01 WIPO нн WO 01/52915 A1 07/26/01 **WIPO** ΗI WO 01/57048 A1 08/09/01 WIPO HJ WO 01/66161 A1 09/13/01 **WIPO** HK WO 02/055121 07/18/02 **WIPO** HI. OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Notice of Opposition of Grant of European Patent 706376 by Biocompatibles Limited. НМ Produced by Gill Jennings & Every. Dated March 25, 1998. Further Letter Concerning Notice of Opposition of Grant of European Patent 706376 by HN Biocompatibles Limited. Produced by Gill Jennings & Every. Dated March 25, 1998. Notice of Opposition of Grant of European Patent 706376 by Focal, Inc. Produced by НО Hoffmann Eitle. Dated March 25, 1998. Notice of Opposition of Grant of European Patent 706376 by Schering AG. Produced by HP Frohwitter. Dated March 25, 1998. DATE CONSIDERED **EXAMINER** \* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant(s).

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